

AMENDMENTS TO THE CLAIMS

Please cancel claims 3, 8 and 9, and amend claims 1, 2 and 6, in accordance with the following list of the claims.

1. (Currently Amended) A video signal control circuit ~~that processes~~ receiving a video signal ~~of which one line is composed of plural~~ including a plurality of lines each of which nominally includes a standard number of pixels as an input data, the video signal control circuit comprising:

a delay circuit ~~that receives the input data, and delays~~ delaying the input data with a plurality of delay times so that the delay circuit outputs a plurality of delayed input data; to thereby output as plural output signals, wherein a delay of the delay circuit is selectively variable[[;]]

a counter circuit that counts a pixel number of each line in the input data; and

a judgment circuit that calculates a difference between ~~a set~~ the standard pixel number and the pixel number counted by the counter circuit, and outputs a calculated difference signal; and calculates a new delay in accordance with the delay set by the delay circuit and the delay on the basis of the calculated difference[[;]]

a selector combining the delayed input data to generate combined input data having the standard number of pixels.

~~wherein the delay circuit delays the input signal by the delay selected on the basis of the delay calculated by the judgment circuit~~[[.]]

2. (Currently Amended) A video signal control circuit as claimed in Claim 1, wherein the delay circuit includes ~~plural~~ a plurality of flip-flop circuits, ~~and the plural flip-flop circuits convert the pixels constituting~~ converting the input data into plural output the delayed input data with each delayed by one clock.

3. (Cancelled)

4. (Original) A video signal control circuit as claimed in Claim 1, wherein the judgment circuit is able to set an initial value of the delay to the delay circuit in accordance with a selection signal.

5. (Original) A video signal control circuit as claimed in Claim 4, further comprising an initial value judgment circuit that judges an inclination of a pixel dispersion on the basis of the pixel number counted by the counter circuit, and outputs the selection signal that designates an initial delay in accordance with the inclination of the pixel dispersion.

6. A video signal control circuit ~~that processes~~ receiving a video signal of which one line is composed of plural including a plurality of lines each of which nominally includes a standard number of pixels as an input data, the video signal control circuit comprising:

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a memory circuit which the input data can be written in and read from, which includes two one-port memories, wherein the input data are alternately written in the two one-port memories, and the written input data are alternately read from the two one-port memories;

an address generation circuit that outputs a write address or a read address to the memory circuit;

a counter circuit that counts a pixel number of each line in the input data; ~~and~~

a judgment circuit that calculates a difference between ~~a set~~ the standard pixel number and the pixel number counted by the counter circuit, and calculates a new address value in accordance with an address value generated by the address generation circuit and a delay signal based on the calculated difference; and

an output selector combining the input data read from the memory circuit based on the new address to generate combined input data having the standard number of pixels.

~~wherein the address generation circuit generates the write address signal or the read address signal on the basis of the address value calculated by the judgment circuit, and when there is a difference between the pixel number of the input data read from the one-port memory and that of the input data written in the one-port memory, some of the~~

~~plural read addresses each corresponding to the plural data to be read are repeated or deleted, in accordance with the difference between the pixel numbers[[]]~~

7. (Original) A video signal control circuit that processes a video signal of which one line is composed of plural pixels as an input data, comprising:

a memory circuit including a two-port memory that is able to write in and read out the input data in parallel;

an address generation circuit that outputs a write address or a read address to the memory circuit;

a counter circuit that counts a pixel number of each line in the input data; and

a judgment circuit that calculates a difference between a set standard pixel number and the pixel number counted by the counter circuit, and calculates a new address value in accordance with an address value generated by the address generation circuit and a delay on the basis of the calculated difference;

wherein the address generation circuit generates the write address signal or the read address signal on the basis of the address value calculated by the judgment circuit, and when there is a difference between the pixel number of the input data read from the memory circuit and that of the input data written in the memory circuit, some of the plural read addresses each corresponding to the plural data to be read are repeated or deleted, in accordance with the difference between the pixel numbers.

8-9. (Cancelled)

10. (Original) A video signal control circuit as claimed in Claim 6, wherein the judgment circuit is able to set an initial value of the address generated by the address generation circuit in accordance with a selection signal.

11. (Original) A video signal control circuit as claimed in Claim 10, further comprising an initial value judgment circuit that judges an inclination of a pixel dispersion on the basis of the pixel number counted by the counter circuit, and outputs the

selection signal that designates an initial value of the address in accordance with the inclination of the pixel dispersion.

12. (Original) A video signal control circuit as claimed in Claim 7, wherein the judgment circuit is able to set an initial value of the address generated by the address generation circuit in accordance with a selection signal.

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13. (Original) A video signal control circuit as claimed in Claim 12, further comprising an initial value judgment circuit that judges an inclination of a pixel dispersion on the basis of the pixel number counted by the counter circuit, and outputs the selection signal that designates an initial value of the address in accordance with the inclination of the pixel dispersion.
